

In the Claims

1. (Cancelled).
2. (Cancelled).
3. (currently and previously amended) A method for comparing athletic
5 performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
processing the data to compare athletic performances of the multiple persons, wherein
Internet users may review comparisons by accessing the database through the Internet ~~The~~
10 ~~method of claim 1~~, the step of coupling comprising attaching a speed sensor to each of the
persons.
4. (currently and previously amended) A method for comparing athletic
performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
15 downloading data generated by the mobile sensor to an Internet-accessible database; and
processing the data to compare athletic performances of the multiple persons, wherein
Internet users may review comparisons by accessing the database through the Internet ~~The~~
~~method of claim 1~~, the step of coupling comprising attaching an airtime sensor to each of the
persons, the step of processing the data comprising comparing airtimes between each of the
20 persons.
5. (currently and previously amended) A method for comparing athletic
performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
25 processing the data to compare athletic performances of the multiple persons, wherein
Internet users may review comparisons by accessing the database through the Internet ~~The~~
~~method of claim 1~~, the step of coupling comprising attaching a drop distance sensor to each of
the persons, the step of processing the data comprising comparing drop distances between each
of the persons.

6. (currently and previously amended) A method for comparing athletic performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
5 processing the data to compare athletic performances of the multiple persons, wherein Internet users may review comparisons by accessing the database through the Internet ~~The method of claim 1,~~ the step of coupling comprising attaching a mobile power sensor to each of the persons.

7. (previously amended) The method of claim 6, the mobile power sensor
10 determining an amount of energy expended by each of the persons during athletic activity.

8. (previously amended) The method of claim 6, the mobile power sensor determining an aggressiveness corresponding to motion of each of the persons during athletic activity.

9. (previously amended) The method of claim 8, the step of coupling comprising
15 attaching the mobile sensor to each of the persons as a watch.

10. (currently and previously amended) A method for comparing athletic performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
20 processing the data to compare athletic performances of the multiple persons, wherein Internet users may review comparisons by accessing the database through the Internet ~~The method of claim 1,~~ the step of coupling comprising attaching a speed sensor to each of the persons, the step of processing the data comprising comparing forward velocity of each of the persons.

25 11. (currently and previously amended) A method for comparing athletic performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
processing the data to compare athletic performances of the multiple persons, wherein
30 Internet users may review comparisons by accessing the database through the Internet ~~The~~

~~method of claim 1~~, the step of coupling comprising attaching the mobile sensor to a non-motorized vehicle ridden on by at least one of the persons.

12. (Cancelled).

13. (Cancelled).

5 14. (currently and previously amended) A method for comparing athletic performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
processing the data to compare athletic performances of the multiple persons, wherein
10 Internet users may review comparisons by accessing the database through the Internet ~~The~~
~~method of claim 1~~, the step of processing comprising determining a power spectral density of the data.

15. (previously amended) A method for assessing athletic performance of a user through a sport implement, comprising the steps of:

15 integrating a sensing unit with the sport implement so that the sensing unit is non-interfering with normal operation of the sport implement, the sensing unit having at least one sensor within a housing of the sensing unit;
processing data from the sensor and within the sensing unit when operated by the user;
and
20 wirelessly transmitting the processed data to a remote receiver, the processed data being indicative of the athletic performance of the user.

16. (previously amended) The method of claim 15, the sensing unit reporting the athletic performance to a watch worn by an individual.

25 17. (previously amended) The method of claim 15, the sensor comprising an accelerometer.

18. (previously amended) The method of claim 17, the step of integrating comprising integrating the sensing unit within a playing ball selected from the group consisting of a soccer ball, a basketball, a football, and a volleyball.

30 19. (previously amended) The method of claim 15, the step of integrating comprising integrating the sensing unit within a body of a tennis racquet.

20. (previously amended) The method of claim 19, the step of processing data comprising determining an impact of the tennis racquet.

21. (previously added) The method of claim 15, the step of processing data comprising determining performance data, the processed data comprising performance data and
5 being selected from the group consisting essentially of power, airtime, speed and drop distance.

22. (previously added) The method of claim 15, the step of integrating a sensing unit comprising integrating the sensing unit into one of a ski, snowboard, mountain bike, windsurfer, windsurfer mast, roller blade boot, skate-board, boot, ice skate, ski pole, wake board and kayak.

23. (currently amended, previously added) A method for comparing athletic
10 performance between multiple persons, comprising the steps of:
coupling a mobile sensor with each of the persons;
downloading data generated by the mobile sensor to an Internet-accessible database; and
processing the data to compare athletic performances of the multiple persons, wherein
Internet users may review comparisons by accessing the database through the Internet. ~~The~~
15 ~~method of claim 1,~~ the step of coupling comprising attaching a mobile altimeter to each of the
persons, the step of processing the data comprising comparing altitude variation between each of
the persons.

24. (Cancelled)

25. (Cancelled)

20 26. (previously added) The method of claim 15, the housing comprising
material of the sport implement.

27. (Cancelled)